

ABSTRACT OF THE DISCLOSURE

An electron beam is emitted from an electron beam source, and deflected at different directions with a deflection plate to form a first electron beam E1 and a second electron beam E2. The first electron beam E1 is incident onto a given portion of a sample at an angle of θ_1 , and the second electron beam E2 is incident onto the same portion of the sample at an angle of θ_2 . A first image and a second image of the portion of the sample by the first electron beam E1 and the second electron beam E2 are combined at a three-dimensional displaying device to display the portion of the sample three-dimensionally.